

## METHOD AND SYSTEM FOR DESIGNING A PROBE CARD

### ABSTRACT OF THE DISCLOSURE

A method and system for designing a probe card from data provided by prospective customers via the Internet is provided. Design specifications are entered  
5 into the system by prospective customers and compiled into a database. The collective feasibility of each set of design specifications is determined by an automated computer system and communicated to the prospective customer. If feasible, additional software enables prospective customers to create verification packages according to their respective design specifications. These verification packages further consist of drawing  
10 files visually describing the final design and verification files confirming wafer bonding pad data. Verification packages are reviewed and forwarded to an applications engineer after customer approval. An interactive simulation of probe card performance is also provided. Data on probe card performance is incorporated into an overall modeling exercise, which includes not only the probe card, but data on the device(s)  
15 under test and wafer, as well as data on automated test equipment.